

Serial Number:

09/819,097

CRF Processing Date:

1/9/2002

Edited by:

Verified by:

(STIC stat

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEO ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEO ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically:
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

A7

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002

TIME: 08:14:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

3 <110> APPLICANT: Douglas, Andrea M.
 4 Begley, Colin G.
 6 <120> TITLE OF INVENTION: CYTOKINES AND THEIR USE IN TREATMENT AND/OR PROPHYLAXIS
 7 OF BREAST CANCER
 9 <130> FILE REFERENCE: 11375Z
 11 <140> CURRENT APPLICATION NUMBER: 09/819,097
 12 <141> CURRENT FILING DATE: 2001-03-05
 14 <150> PRIOR APPLICATION NUMBER: 09/051,939
 15 <151> PRIOR FILING DATE: 1998-10-16
 17 <160> NUMBER OF SEQ ID NOS: 28
 19 <170> SOFTWARE: PatentIn Ver. 2.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 41
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Artificial Sequence
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 28 oligonucleotide probe
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 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
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 44 gggcaacaca caagtttgct gattg 25
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 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-6R
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 63 <213> ORGANISM: Artificial Sequence
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-6R
 67 oligonucleotide probe
 69 <400> SEQUENCE: 4
 70 caggagccgt gccagtattc ccagg 25

RAW SEQUENCE LISTING

DATE: 01/09/2002

PATENT APPLICATION: US/09/819,097

TIME: 08:14:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

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78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence:LIFR
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83 ccctctggaa caggccgtgg caaggggcag tttgtatggc c
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 26
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence:LIFR
93     oligonucleotide probe
95 <400> SEQUENCE: 6
96 gaagtttgca ttgaaaacag gtcccg
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 40
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-11R
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108 <400> SEQUENCE: 7
109 ctgagttctg gagccagtac ggtgtggttg gagggagggc
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113 <211> LENGTH: 25
114 <212> TYPE: DNA
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117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-11R
119     oligonucleotide probe
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122 gtgactgagg tgaaccact ggggtg
125 <210> SEQ ID NO: 9
126 <211> LENGTH: 40
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence:CNTFR
132     oligonucleotide probe
134 <400> SEQUENCE: 9
135 gtgggcctgc tgtgctgtgc ccagccggcg agggttgctg
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 24
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING

DATE: 01/09/2002

PATENT APPLICATION: US/09/819,097

TIME: 08:14:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

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147 <400> SEQUENCE: 10
148 cgccgcagtt gtctacgccc agag                24
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152 <211> LENGTH: 42
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157 <223> OTHER INFORMATION: Description of Artificial Sequence:G-CSFR
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164 <210> SEQ ID NO: 12
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166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence:G-CSFR
171     oligonucleotide probe
173 <400> SEQUENCE: 12
174 gacctgggca cagctggagt gggtg                25
177 <210> SEQ ID NO: 13
178 <211> LENGTH: 40
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183 <223> OTHER INFORMATION: Description of Artificial Sequence:PLR
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193 <213> ORGANISM: Artificial Sequence
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208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of Artificial Sequence:GHR
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212 <400> SEQUENCE: 15

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002

TIME: 08:14:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

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226 ggcgagttca gtgaggtgct ctatg                          25
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232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
236     ( oligonucleotide probe
238 <400> SEQUENCE: 17
239 ccaccaggta ctgggccagg gagggaccag ttgcacctgc          40
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244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
249     ( oligonucleotide probe
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252 gcaccggcta caacgggatc tggag                          25
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257 <212> TYPE: DNA
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260 <220> FEATURE:
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262     ( oligonucleotide probe
264 <400> SEQUENCE: 19
265 ggaagggagg gtaccgctgc cttgaccacc accctgcctc          40
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270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
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281 <210> SEQ ID NO: 21
282 <211> LENGTH: 40
283 <212> TYPE: DNA

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002

TIME: 08:14:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

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295 <211> LENGTH: 25
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-2R (
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304 cagcagctct gagccccagc ctacc          25
307 <210> SEQ ID NO: 23
308 <211> LENGTH: 40
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-3R (
314     oligonucleotide probe
316 <400> SEQUENCE: 23
317 gccgactatt ctatgccggc cgttttggaa gctgtcacccg          40
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321 <211> LENGTH: 25
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-3R (
327     oligonucleotide probe
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333 <210> SEQ ID NO: 25
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335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence:ER
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342 <400> SEQUENCE: 25
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346 <210> SEQ ID NO: 26
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348 <212> TYPE: DNA
349 <213> ORGANISM: Artificial Sequence
351 <220> FEATURE:
352 <223> OTHER INFORMATION: Description of Artificial Sequence:ER
353     oligonucleotide probe

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002

TIME: 08:14:19

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/819,097

DATE: 01/02/2002

TIME: 13:08:08

Input Set : A:\11375Z.txt

Output Set: N:\CRF3\01022002\I819097.raw

**Does Not Comply
Corrected Diskette Needed**

3 <110> APPLICANT: Douglas, Andrea M.
 4 Begley, Colin G.
 6 <120> TITLE OF INVENTION: CYTOKINES AND THEIR USE IN TREATMENT AND/OR PROPHYLAXIS
 7 OF BREAST CANCER
 9 <130> FILE REFERENCE: 11375Z
 11 <140> CURRENT APPLICATION NUMBER: 09/819,097
 12 <141> CURRENT FILING DATE: 2001-03-05
 14 <150> PRIOR APPLICATION NUMBER: 09/051,939
 15 <151> PRIOR FILING DATE: 1998-10-16
 17 <160> NUMBER OF SEQ ID NOS: 28
 19 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

372 <210> SEQ ID NO: 28
 373 <211> LENGTH: 25
 374 <212> TYPE: DNA
 375 <213> ORGANISM: Artificial Sequence
 377 <220> FEATURE:
 378 <223> OTHER INFORMATION: Description of Artificial Sequence: (-ACTIN
 379 oligonucleotide probe
 381 <400> SEQUENCE: 28
 382 ggacgaggcc cagagcaaga gaggc 25
 E--> 388 ①

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/819,097

DATE: 01/02/2002

TIME: 13:08:09

Input Set : A:\11375Z.txt

Output Set: N:\CRF3\01022002\I819097.raw

L:388 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:25 SEQ:28